

Applicant : Luan Chi Chen
Appl. No. : 09/898,161
Examiner : Michael Lee
Docket No. : 705397.41

In the Claims

1. (Previously presented) A projection television set comprising:

a screen;

a mirror to reflect light onto the screen;

an enclosure comprising

an upper compartment to house the mirror and the screen; and

a lower compartment attached to the upper compartment, the lower compartment comprising a front panel, a rear panel, a plurality of side panels, wherein at least two side panels further comprise an angled top surface, and a first and second top panel; and

an optical unit comprising a plurality of projection assemblies and a bracket mounted on the top surface of the at least two side panels, wherein the first top panel is disposed between the front panel and the bracket and the second top panel is disposed between the rear panel and the bracket, and wherein the top panels and optical unit form an inner wall between the upper and lower compartments.
2. (Original) The projection television set of claim 1 further comprising a plurality of attachment elements to attach the bracket of the optical unit to the side panels of the lower compartment.
3. (Original) The projection television set of claim 1 wherein the angled top surface of the side panels of the lower compartment is cut at an angle to aim the optical

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unit at the mirror when the bracket is attached to the angled top surface.

4. (Original) The projection television set of claim 1 wherein the bracket comprises a first end and a second end, each end including a horizontal extension placed on top of the angled top surface of a side panel of the lower compartment, and a vertical wall placed adjacent the side panel

5. (Original) The projection television set of claim 4 wherein the horizontal extension and the vertical wall of each end of the bracket are oriented at an approximately ninety degree angle to each other.

6. (Original) The projection television set of claim 4 wherein the vertical wall of each end of the bracket further includes a plurality of openings through which attachment elements are inserted.

7. (Original) The projection television set of claim 4 wherein each vertical wall further includes a plurality of openings for insertion of attachment elements and each vertical wall is oriented at an approximately ninety degree angle from each respective horizontal extension of each end of the bracket.

8. (Cancelled)

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9. (Currently Amended) The projection television set of claim & 24 wherein the bracket comprises a first end and a second end, the ends and the angled openings of the side panels of the lower compartment being substantially equal in shape and size.

10. (Original) The projection television set of claim 9 further comprising an adhesive to secure the ends of the bracket to the side panels, wherein the ends are inserted within the angled openings of the side panels.

11. (Currently Amended) The projection television set of claim & 24 wherein the angled openings are angled to aim the optical unit at the mirror when the bracket of the optical unit is inserted within the angled openings.

12. through 24. (Cancelled)

24. (Currently Amended) A projection television set comprising:

a screen;

a mirror to reflect light onto the screen;

an enclosure comprising

an upper compartment to house the mirror and the screen, and

a lower compartment attached to the upper compartment, the lower

compartment comprising a front panel, a rear panel, and a plurality of side panels

wherein at least two side panels have angled openings and ~~The enclosure of claim~~

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8-wherein the lower compartment further comprises a first and second top panel, the first top panel disposed between the front panel and the bracket and the second top panel disposed between the rear panel and the bracket; and
an optical unit comprising a plurality of projection assemblies and a bracket mounted within the angled openings of the at least two side panels, wherein the top panels and optical unit form an inner wall between the upper and lower compartments.

25. (Currently amended) An enclosure for a projection television set comprising a mirror, a screen, and an optical unit, the optical unit comprising a plurality of projection assemblies and a bracket having a first end and a second end mounted to the enclosure, the enclosure comprising:

an upper compartment comprising a front panel, a rear panel, and a plurality of side panels, the upper compartment configured to house the mirror and the screen, and
a lower compartment attached to the upper compartment, the lower compartment comprising a front panel, a rear panel, and a plurality of side panels wherein at least two side panels further comprise an elongate body having a top surface, a bottom surface, a first end, a second end, and a notch extending between the first and second ends along the top surface, wherein the notch engages the bracket of the optical unit, and wherein the elongate body is positioned on the side panels to aim the projection assemblies of the optical unit toward the mirror. The enclosure of claim 12 wherein the lower compartment further comprises a first and second top panel, the first top panel disposed between the front panel and the bracket and the second top panel disposed between the rear panel and

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the bracket, wherein the top panels and optical unit form an inner wall between the upper and lower compartments.

26. (New) The enclosure of claim 25 wherein the attachment region of the side panels comprises an angled surface for attachment of the bracket of the optical unit thereto, the angled surface oriented to aim the projection assemblies of the optical unit toward the mirror of the projection television set.

27. (New) The enclosure of claim 25 wherein the attachment region of the side panels comprises an angled opening for insertion of the ends of the bracket of the optical unit therein, wherein the bracket is aimed toward the mirror when inserted into the angled opening.

28. (New) The enclosure of claim 25 wherein the attachment region of the side panels comprises an elongate body having a top surface, a bottom surface, a first end, a second end, and a notch extending between the first and second ends along the top surface of the elongate body, wherein the notch engages the bracket of the optical unit.

29. (New) The enclosure of claim 28 wherein the elongate body is positioned on the side panels to aim the projection assemblies of the optical unit toward the mirror.